

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: ASATO@pairgain.com (Asato, Kevin)
Subject: [3483] 6000hm Headsets
Message-ID: <B8CF217001A92C79@-SMF->

aviation headsets can also be used, albeit they tend to be a more pricier alternative than standard (walkman) stereo headphones. they are rated at 150 to 6000hms and like anything else come in a variety of styles (including noise cancelling) and price ranges. they all come with boom mikes which are detachable (nominally 600 to 1K0hm, dynamic or electret-condenser).

i bought a relatively cheap pair (< \$90) since i was doing quite a bit of work on a flight line in one of my other lifetimes and liked to monitor communications while on the job.

kevin/kc6pob

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: sigcom@juno.com (Stephen M Smith)
Subject: [3489] Altoids etc.
Message-ID: <19960902.122120.8319.1.sigcom@juno.com>

Picked up a box of Altoids today (\$1.99 @ Thrifty/Payless). Was shocked to see that Sucrets are no longer boxed in tins, now plastic, yech. Now I have to find my old Sucrets box transmitter. Finished stuffing the 40m K6LMN RX last night, took two hours to build. Smoke test today. Now for an antenna; where are those egg insulators.....

73.....Steve, WB6TNL QRP-L #621

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: "John Shuster" <jshuster@silverlink.net>
Subject: [3496] Another OHR DD-1 in service
Message-ID: <199609022307.QAA21628@oly.olympic.net>

To All:

This weekend I found three hours to build my OHR DD-1 digital dial. It has

replaced my very good S&S Engineering PC1 digital readout for my OHR 400.

Construction: Lots of small soldering. It seems one third of the holes were smaller than those on past OHR kits. I put a smallest tip I have on my Weller and used thin solder. Solid connections were easier to make that way. There's a BIG 1000uf electrolytic that mounts back by the power jack and has a mounting screw underneath for the board. If you build one of these leave a touch more than the recommended quarter inch clearance above the board so you can get the mounting screw in. Mine just made it in. Dick supplies a nice piece of RG-174/U and two RCA phono plugs to make a patch cord. I used a RS patchcord and put the good cable into my box for future mods. So much for comments - the rest of the build was typical OHR quality and clarity of instructions. A quick and fun kit to build.

Setup: There are two input connections on the back. One says PROG IN, the other DIR IN. I had the signal going into the DIR IN and tried to program it and it wouldn't work. Sometimes I'm dumber than a box of rocks. I would suggest clearer instructions on hookup and maybe a page describing the function of the buttons. It took me half an hour to get things configured correctly. This is a very versatile system and the complexity is reflected in the programming options. I caught on after a while, but would have appreciated some crib notes for advanced appliance ops like me.

Operation: This counter will count forwards, backwards, and blank itself to save battery power. Lots of options. What I like best is the way the numbers snap and hold on the display. I almost wanted to turn down the audio and listen for the clicks - it is THAT precise. I'm accustomed to last digit back and forth with my PC1. I've been listening to the 20M propagation transmissions at 14.1000 as I write here. The fourth digit holding solid with no desire to move to 1 or 9. Dick has instructions for adapting other rigs for DD-1 use. I'm going to be drilling holes in the back of my other rigs to wire them for this rock solid counter. I'm going to program one of the memory banks to count backwards for my MFJ 9040.

John

++++
Father John Shuster, Married Roman Catholic Priest
Need A Priest? Rent-A-Priest! 1-800-PRIEST-9 A Free Referral Service
At the foot of the Olympics in little Port Orchard, WA
KC7CKP AE ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL
++++

From owner-qrp-l@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: "Michael J. Hayes" <74672.2764@CompuServe.COM>

Subject: [3472] Argo 556 Questions

Message-ID: <960902124213_74672.2764_BHW52-1@CompuServe.COM>

QRP Group,

I recently posted my first message to the group looking for a response regarding the question I had with using Yaesu and Heil mics with the 556 (I needed to set the mic gain fully clockwise to get any power or ALC indication on SSB). Bob, AA3ON responded quickly (thanks!) with information suggesting an electret mic of Ten Tec or using an audio matching transformer.

I have another question.

The used Argo 556 I purchased has a noise blanker built in that when switched in reduces typical auto pulse noises but also adds background noise on receive (almost like the bandwidth was doubled in the background noise). I also noticed in transmitting (CW) the receive between keying is noisy.

I am just trying to understand the quirks of this rig and would appreciate any further comments about the noise blanker or any thing on the Argo 556.

Mike N1FGW

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996

From: Phil Wheeler <pcw12@ix.netcom.com>

Subject: [3481] Dan's Small parts

Message-ID: <322B07BD.4CB4@ix.netcom.com>

Some time ago someone here included the URL for Dan's Small Parts in message. I linked there and printed out his catalog. since then I've had to rebuild my bookmarks and lost the printout of the catalog.

Having NO luck with Yahoo, Alta Vista, Lycos, etc. in finding this URL.

Can anyone help me?

Phil W7UOX

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996

From: wb8ygg@juno.com (Bradley S. Mitchell)

Subject: [3491] Data Book Peculiarities

Message-ID: <19960901.152337.6711.0.WB8YGG@juno.com>

Ok, I don't know if this subject was ever brought up, but hey, I was really taking it easy for a change, and decided to note the strange things on the NA5N Data Book cover.. (back cover that is).

- (2) crushed pop cans (soda for you others).
- (1) uncrushed pop can
- (1) phone off the hook
- (1) half eaten sandwich
- (1) half eaten banana
- (1) bullet decal on the simpson meter
- (1) mouse in a mouse trap
- (1) paper airplane (this looks like a rookie attempt).
- (1) salamander on a styrofoam cup

What else? I know, I'm bored, time to go back to work !
73 Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [3482] G QRP League
Message-ID: <199609021704.SAA07240@mail.enterprise.net>

So the final day has passed and I have received some of your scores. Please send them to me if you haven't already. I will issue the final league table on Thursday 5th September, so you have until then to add your scores up. Also to remind you that the new league has already started today and the new Weekender League is off to a flying start - I have had one entry today! Any member of G QRP anywhere can enter - I will send the 'rules' if you need them. Come on in and join the fun!
I will be sending out a message listing equipment, antennas and bands used, for everyone's interest.
Best QRPing all!

--

Frank G3YCC
Ham Radio QRP Web Page:
<http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: Bob Edwards <rbe@atlanta.com>
Subject: [3475] Jarrard Gap, 1st /PQ
Message-ID: <322B1FF4.1A91@atlanta.com>

This is a multi-part message in MIME format.

-----75F759514715
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

L. B. Cebik wrote:

> Loops make difficult antennas to use for comparisons
> ... A test dipolemay make a better A-B test antenna

Right, TKS again LB. While I have patterns (simulated 3-D) on the loop, the acronym GIGO applies. My 80 mtr horizontal loop sags a good bit producing beautiful sweeping curves while the modeled wire structure is point-to-point straight lines. Also, have learned more about in-accurate backyard ground parameters. So, the 3-D loop patterns are good for general/ball park results but not A-B testing.

Diff subject: We (Y1 & I) hiked UP a spur onto the Appalachian Trail to Jarrard Gap, GA, ~3300 ft. Found a neat little site near the Gap and set up my first /PQ station. It went very well, had two 40 mtr contacts in a short period (WV/599,IL/559). NN1G SW-40, 8-AA, Vertical OCF dipole performed well, in a true "Spartan" effort. But, rain clouds cut it short. Didn't want either the rig or Y1 to get wet !! Next time I'll try 20 mtrs with the 1/4 wave Q-section insert. It was a great experience for me and the Y1 was reading a good book. Pictures taken. Day pack was full ie, good exercise.

Lessons Learned:

- 1) Site selection, next site will have less underbrush under the Ant. Single halyard ant lift, in trees, much better than two. Couldn't have done it with two halyards at that site.
- 2) Golf ball, spider line, lower half of spin-cast rig hit the mark on 2nd try. That combination requires a careful toss motion, not a cast.
- 3) Seating, found two semi-flat rocks and stacked them. Pure luck. Next time will take cheap aluminum camp stool. Am currently modifying one with a pair with 1" aluminum angle. This will brace the leg-ends and increase ground contact surface area. Will report on it later.
- 4) Lap-desk, the cheap foldout portfolio was strengthened by 1/2" angle

aluminum C-clamped twice on the top. It had plenty of strength and room for the rig & straight key. Don't think the portfolio will hold up over time, so am looking for some form of replacement. The 1/2" angle upright lip at the top also caught the pencil, once, when it decided to slide downhill.

Planning to go again Sept 21, CUL, -73- Bob

-----75F759514715
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Disposition: inline; filename="FOOTER.TXT"

+-----+
| Bob, AE4CA, WAS-5W | "QRP", more from less....
+-----+
ARCII-8760, MIQRP-1410, COQRP-118, QRPL-606, ARS-145, NorCAL

-----75F759514715--

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3495] Key Survey Prelim
Message-ID: <199609022232.WAA23650@chuck.dallas.sgi.com>

Gang,

The following is the first pass at typing up a Morse survey for the QRP-L group. This survey is purely voluntary.

Again this is the first pass, do not send this survey back to me. Do not answer the questions yet. Think about them. Have I asked everything? Have I worded them so that it is clear what data is wanted? If you send me a filled in form right now it will go into /dev/null (round circular file for the non-dweebs :-)). Wait until the 1.0 version is posted.

Hopefully I thought of all the questions that will give us some idea what is going on the Morse side of the QRP World and maybe for hams in general.

Two things. There will be a random drawing in Oct at the NorTex Club Meeting for two separate prizes, one NorCal Partial Keyer Kit using the 8044ABM chip

(with socket provided by K5F0) and an Iambic Paddle, yet to be named. In order to be eligible you must fill out the form correctly and you must have a QRP-L number. If you do not have a number then you must be a subscriber and send the following email to LISTSERV@LEHIGH.EDU with the body message of

RUN QRP-L X GETNR callsign

where callsign is your callsign. BTW you will need a QRP-L number for the foxhunts this year. :-)

On questions that require numerical answers, DO NOT put units after your answer. If your answer is 25 years, just put the number 25, please. It'll help the computer program analyze without my help.

Yes and No type questions, answer with a capital Y for yes and N for no.

Do not add comments or qualifications to your answer on the same line as the answer, this complicates things and will disqualify your entry. If you need to add stuff, I set aside a comment section at the last.

Make sure the answer is on the same line as the Q-number. Except as otherwise noted, like in lists, etc.

All returned surveys will be used only for the tally. They will not be available and the information will be kept in confidence, like you won't have it announced to the group that you own the only know widget x-y-z known to mankind..... This includes the questions on military/govt training unless it is a violation of an agreement not to disclose this information. I don't want to be shot. :-)

Q01. What is your call?

Q02. What is your QRP-L number?

Q03. In what year were you first licensed?

Q04. How long have you been a ham in years (round up)?

Q05. In what year did you learn CW?

Q06. How long have you operated CW in years (round up)?

Q07. Do you regularly get on CW, i.e. more than 25% of your operating time?

Q08. Do you refuse to operate CW?

Do you think that CW should be eliminated as a requirement for any ham license?

Q10. Did you learn CW in a group lead environment or classroom?

Q10a If yes, was it military or govt?

Q10b If yes, was it civilian?

Q11. Did you learn CW on your own without supervision?

Q12. Did you learn CW with the aid of an Instructograph?

Q12a If you did, do you still own the instructograph?

Q13. Did you learn CW with the aid of vinyl records?

Q13a If yes, give name of course:

Q13b Do you still have the course?

Q14. Did you learn CW with the aid of audio records?

Q14a If yes, give name of course:

Q14b Do you still have the course?

Q15. Did you learn CW with the aid of audio tapes?

Q15a If yes, give name of course:

Q15b Do you still have the course?

Q16. Did you learn CW with the aid of one or more computer programs?

Q16a If yes, give name of program or programs used, one per line:

Feel free to add lines if needed but keep the Q16 too.

Q16. Program Name:

Q16. Program Name:

Q17. Did you learn using more than one of the above methods?

If so list the Q'numbers that you answered yes to so that

I don't have to go back and figure this out. :-)

Q17a. List:

Q18. Have you used any on the air CW practice sessions from ARRL?

Have you used any on the air CW practice sessions from sources other than

Q19. ARRL?

If yes, list sources and add lines as necessary, one source per line:

Q19a.

Q20. Have you participated in the ARRL Code-Proficiency runs?

Q20a If yes, what is your highest speed in wpm?

Were you ever or currently a commercial CW/Telegraph operator, land or

Q21. sea based?

Q22. Do you regularly copy CW using a pen or pencil?

Q22a. What is your best receiving speed using pen or pencil?

Q23. If yes, do you print?

Q24. If yes, do you write cursively?

Q25. If yes, do you use the same hand as the one you use for sending?

Q26. Can you copy CW on a typewriter or using a keyboard?

Q27. Can you copy "in your head"?

Give your best and most accurate answer here.

Q28. What is your best speed with hard copy on receiving in wpm?

Q29. What is your highest speed on receiving in wpm?

Answer with a L for left and a R for right using a capital letter.

Q29. Which hand do you use most for sending CW?

Q30. What would you guess is your maximum sending speed (wpm) with a key?

Q31. What would you guess is your maximum sending speed (wpm) with a paddle?

Q32. Can you send CW with the other hand?

Q33. What would you guess is your maximum sending speed (wpm) with a key?

Q34. What would you guess is your maximum sending speed (wpm) with a paddle?

Q35. Do you prefer non-Iambic keying?

Q36. Do you prefer Iambic keying?

Q37. For Iambic keying do you prefer Mode A?

Q38. For Iambic keying do you prefer Mode B?

If you use Iambic, answer the following question with two capital letters.

If you send with the right hand and use the thumb for a dit: RT

If you send with the right hand and use the finger for a dit: RF

If you send with the left hand and use the thumb for a dit: LT

If you send with the left hand and use the finger for a dit: LF

If you do not use Iambic: NA

Q39.

Q40. Do you use a keyboard or computer for sending?

Q41. List the keyers that you own, by manufacturer and model, one per line:

i.e. Bencher Chrome Iambic

Add as many lines as needed, but include the Q41 on each line.

Q41.

Q41.

Q41.

Q42. List the keys, bugs, and paddles that you own by manufacturer and mode, one per line: feel free to add as many lines as you need, but please put with each line the Q42 so that the analysis program will grab it.

Q42.

Q42.

Q42.

Q42.

Q43. List any keyboard keyers that you own.

Q43.

Q43.

Q44. Comments:

May I quote any of your comments in a general summary to the group if I do
Q45. not give the source?
Chuck Adams (K5FO CP-60) adams@sgi.com

From owner-qrp-l@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: NoesisDG@aol.com
Subject: [3475] Large Slinkies
Message-ID: <960902111122_399423342@emout15.mail.aol.com>

>Keep us posted on the small diameter slinky antenna. I think the large
>metal ones are out of production now. They are made of plastic these days.
>
>CUL,
>Bob Kellogg, AE4IC
>Prolably, but not nececelery. - Benny Hill

Hello all members of QRP-L. I have been subscribing to the list for about 3
weeks and would like to thank all contributors for a fascinating array of
tips and info.

This is my first post - but not the last!

On the large Slinkies, anyone on the East coast can buy them at Kay-Bee Toys
for \$3.99 apiece. The boxes mine came in were marked "Original Slinky" and
had a "Slinky 50th Anniversary 1945 - 1995" (didn't know Slinkies went back
that far, still I'm from England so what do I know!). The manufacturer listed
on the box is James Industries, Inc. Hollidaysburg, PA 16648. They have a
"Foreign Agent" in the UK who they say is Dekker Toys Ltd. St. Albans, AL1
3EN. So the manufacturer is alive and well it seems.

My (very limited) experience with a Slinky dipole is using two large ones
this morning held up with a piece of string through the coils and each side
stretched out to about 12 feet held there by looping the rope once through
the ends of the coils, so they are adjustable for stretch. I clipped a length
of RG58 in the middle and attached my Autek RF Analyst. A bit of twiddling on
the lengths of each side got me a 1.3 SWR at 7200KHz. I attached my QRP++ and
listened but 40m was all noise (it was S7 at my QTH even on my ladder line
fed Zepp at 45 feet), it did load up OK on transmit though.

Cheers everyone.

Dave Gwillim
KB2TQX/QRP

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: "Denton Bramwell" <denton@cyber-west.com>
Subject: [3488] mike/headphone sets
Message-ID: <01BB98C5.D997BCC0@cyber-west.com>

The mike/headphone sets mentioned in my earlier post are 10-z (10 ohms on ohmmeter), and the mikes are electret type... work nice on +5 VDC

Denton Bramwell

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: pupeza@bconnex.net (Mike Pupeza)
Subject: [3498] NorCal Cascade Mods?
Message-ID: <v01510100ae51377903f6@[205.189.200.185]>

Hi fellow QRPers;

A few months ago I was lucky enough to get one of the last few NorCal Cascade Kits from Jim. Ashamedly, I have not yet assembled it, and it looks like it may become a 'Winter' project. Times are BUSY for me this year! (Aren't they always for everyone, eh? (That's one of our 'Canadianisms' - hi!))

Anyways, what I want to get, prior to assembling the unit, is some info to set it up for CW OR a way to generate a carrier to set up the antenna matching system. As it is, it looks like you have to whistle, or set up the tuner separately! How about a 'tune-up' button to send out a nice fat carrier! Better yet, generate a correctly offset CW carrier, with a Key input for true CW?

My first idea is a simple 555 oscillator with a button, but that's a bit squarewaveish for CW, but is my first thought.

Any other ideas, guys, and gals??

72, 73 - - - - Mike VE3EQP also @VE3FJB.#CON.ON.CAN.NOAM

Mike Pupeza
pupeza@bconnex.net
(705)549-3220

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: Marshall Emm <75230.1405@CompuServe.COM>
Subject: [3485] OHR SCAF Filter
Message-ID: <960902175512_75230.1405_HHB68-1@CompuServe.COM>

>>

>The same design as the OHR scaf filter.

Does anyone know if OHR is the company that Mr. Ulbing (N4UAU) was talking about in his recent letter to QST (7/96 page 24)??

<<

I talked to Sam some time ago and I definitely got the impression that there is a formal arrangement (involving \$\$\$, but not many) between him and OHR. Lot's of people rip off anything that is printed in QST, hence the letter, but it was unfortunate that OHR seemed to be included by implication. Especially since Dick has always acknowledged the source of the design.

Anybody who wants to check out the specs on the OHR SCAF can do so via my Web page:

<http://ourworld.compuserve.com/homepages/mtech>

73

Marshall

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3494] Portable Antennas
Message-ID: <199609022046.UAA22923@chuck.dallas.sgi.com>

Gang,

Noted the postings over some time period on the topic of portable antennas.

Here is something quick, cheap and I've found it to work great.

Go down to HomeDepot or appropriate home repair-building supplier. Look in the PVC section and look for a 3/4" Pressure Cap. Mine cost \$0.28 US before local and state taxes rapidly raise the price.

Take this puppy home and proceed to modify it in the following manner. On the end place a hole centered that will accommodate a SO-239 connector (either chassis mount with circular mount or square). I like the square and put it in a vice and cut at an

45 degree angle just at the inside edge of the mounting holes so that I have a smaller square mounting piece that just fits inside the pressure cap. Do this carefully using a hack saw or other fine tool for cutting metal. I also like the square form to give me an area to solder the ground side to as follows. In fact while you are here go ahead and pre-tin the edge on the solder cup side. Not the side which has the threaded section. Also file all the rough edges that you made with the saw.

Put the S0-239 inside the cap with the threaded section (the business end) out through the hole in the cap. Make sure it fits and you want the hole to just be large enough, not too large.

Now drill two holes midway up the sides of the cap for insertion of the ends of two separate wires that make up the dipole. Place a small loop on the inside to keep the wires from pulling out and solder one wire to the center of the S0-239 and the other to the ground side. Hopefully you have some scheme to let you know when this is all done which is which. Of course the two holes are on opposite sides. Also holes just large enough for the wire. I used #18 wire and I guess you could go to #22 to #24 and be OK.

Now comes the part that makes all this work. Make sure you have no shorts and that all the parts inside are snug and lead lengths are at a minimum or as short as possible. Deflux is necessary.

Place this assembly in a vice GENTLY held with the cup vertically upward and use gentle pressure on the vice (you don't want to ruin any threads on the S0-239) to hold the S0-239 snug to the bottom of the PVC cap. Make sure everything in the cup is OK and then take your trusty hot glue gun and fill up the cup!!! Allow this to sit overnight. Don't get in a rush and don't undo this for at least a couple of hours. Don't move anything in the meantime. Preston Douglas, Attorney-at-Law and member of this group, gave me a glue gun last year. I couldn't do without it. Thanks Preston. The gun has a 1,000 uses. See the book by Harden et.al. when it comes out.

Cut the dipole wires to your favorite band (or have them ready). You may want to set this up and tune with the trusty MFJ-941 or whatever antenna measuring device.

I feed my setup (the one that I used in NV was for 40M) with a 20' section of RG-58U.

After the glue has set you can then VERY CAREFULLY near the top drill a small hole through to use as a mounting support for a fishing line or whatever small. Again, don't drill through the working parts

already inside. :-) Don't do something stupid here.

The glue makes a very good dielectric and protects the insides of the cap. Of course this is pretty permanent unless someone tries to undo this with a paint removal gun and see if they can melt the glue out without destroying the PVC and or the rest of the parts. :-)

I found a very old silver plated SO-239 in the garage when I got this idea and Phyllis had an old old bottle of Tarnex or whatever and I cleaned up the connector and used it. So the whole setup including wire and everything can be had for under \$10 at a fleamarket. I was pleasantly surprised that the thing looked brand new after I worked on it for about five minutes or so. Of course you could use a BNC or other connectors or if you are going to use ladderline (300 ohm for the smaller) you could use binding posts. The flexibility is great here.

I showed a new one of these off at Mt View last week Wednesday at the pizza place. That one for 30M. The antenna packs nicely in the suitcase inside a ziplock baggie and doesn't weigh much.

BTW Dave W6EMD won the NE4040 kit in a coin toss at the gathering. He can report to the group how it went together. At least he had better put it together. :-)

A more detailed writeup in the next QRPP with some additional ideas. Hey, I can't give everything away to this group. :-) Pictures and all in the article.

dit dit
Chuck Adams (K5FO CP-60) adams@sgi.com

From owner-qrp-l@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: ljones@why.net (ljones)
Subject: [3469] QRP-ARCI
Message-ID: <19960902074658629.AAA477@11.ann1.dal.why.net>

Greetings N4SO...

FYI, Mike Kilgore, KG5F is no longer associated with QRP-ARCI as membership chairman. That honor is now Michael Bryce, WB8VGE. The address listed in the latest QQ is no longer valid. I am sure someone on this list knows what it is.

>QRP CLUB INFO 9/1/1996

>Membership is \$12/yr and available by writing to:

```
> *****
> * Mike Kilgore, KG5F      *
> * 2046 Ash Hill Rd      * NO LONGER VALID
> * Carrollton, TX 75007  *
> *****
>
```

Also, Luke Dodds, W5HKA became a Silent Key a few years ago.

```
*****
> * G-QRP Group, United Kingdom group *
> * Luke Dodds, W5HKA                * Silent Key.
> * 2852 Oak Forest                  *
> * Grapevine, TX 76051 $12/yr membership dues.*
> *****
```

72/73 & God Bless...

dee-it dee-it

Larry Jones N50SG <><	NORTEX	QRP-ARCI	G-QRP	MI-QRP	CQC
4028 Random Circle	NorCal	NE-QRP	QRP-L	ARRL	NTMS
Garland Tx 75043-3250	EM12QU	96.62 W LONG	32.87 N LAT		

From owner-qrp-l@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: "Jim Kortge, K8IQY (ex NU8N)" <jokortge@tir.com>
Subject: [3499] QRP-L Still Alive??
Message-ID: <1.5.4.16.19960903001820.34e71648@tir.com>

I haven't gotten anything from the reflector in 3 days. I assume it is my internet provider, and not the reflector that went belly up!!

72 Jim

Jim Kortge, K8IQY (ex NU8N)		BMHA, NorCal, QRP-L
jokortge@tir.com	__o	Cascade 17/40 SSB
Fenton, MI	_`<	Mizuho 17/40 SSB
...	(*)/(*)	...

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: BOB KELLOGG <ae4ic@nr.infi.net>
Subject: [3473] Sierra Update
Message-ID: <199609021349.JAA08898@mh004.infi.net>

Hi Gang,

I'm just about to start updating my old original design Sierra to make it like the current Wilderness Sierra. Has anyone done this? And if you have, do you have any tips for me before I start?

Thanks and CUL,
Bob Kellogg, AE4IC
Prolably, but not nececelery. - Benny Hill

AE4IC TMPS 1996 QS=118 States=26 Confirmed=12 DX=34
AL,AZ,CA,CT,FL,GA,ID,IL,KS,LA,MA,MD,MI,MN,MO,NE,NC,NH,NY,OH,PA,TN,TX,WA,WI,WY
DXCC:3B8,9A,DL,EI,EK,F,FG,G,GM,GU,HA,HB,HI,IS,K,LU,LZ,OH,OK,OM,ON,OZ,P4,PA,S
H,SP,TI,UA,UR,VE,XE,YO,YS,YU

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3486] Solder Warning 63/37
Message-ID: <199609021757.RAA22337@chuck.dallas.sgi.com>

Gang,

Over the past years I have been atesting to the use of Kester Solder Alloy Sn63 Core 66 Flux 331 and have been using 0.031" diameter stuff. This because the flux is water soluable and I use an old toothbrush with warm water to clean the BOTTOM of the boards.

The boards come out looking all shiney and pretty and just plain goooooood if I do say so myself.

But now I have found a side effect that you must know about.

1. Do not leave a project unattended for more than a week or so. If you do, the flux reacts with the solder and makes it somewhat non-shiney. So if you are about to go on a trip or whatever, go ahead and clean the board. You might wanna do this just before you quit for the day.

It seems that the flux starts to react with the Sn or Pb in the solder fairly quickly.

2. I use a pair of Sears Craftsman small diagonal cutters (Dikes) that I have had for many many years and built many a kit. I got to wondering why the last 1/4 of the cutting surface was getting corroded and gunky looking. Now I know. Sears will make good on the warranty, but it looks like you need to clean the tool that you cut leads with after you solder.

Take care of your tools and your tools will take care of you.

FYI

dit dit

p.s. This means also that you must deflux the boards. No exception to the rule.

Chuck Adams (K5FO CP-60) adams@sgi.com

K5FO TMPS 1995 Qs=222 States=46 ConfirmedQs=127 DX=04 (0.95W)

K5FO TMPS 1996 Qs=093 States=36 ConfirmedQs=58 DX=04 (0.95W)

40M==49wkd/49cfmd - 30M==49wkd/48cfmd - 20M==50wkd/50cfmd (0.95W)

From owner-qrp-l@Lehigh.EDU Mon Sep 2 23:16:21 1996

From: "Denton Bramwell" <denton@cyber-west.com>

Subject: [3477] stuff for sale

Message-ID: <01BB98AF.D8DD4860@cyber-west.com>

FT-301S: Very nice 0-12 watt rig, 160/80/40/20/15/10/aux, RF speech = proc, very hot receiver, includes hand mic, make non-insulting offer.

120 pF 5% dipped mica caps.... 1200 of the little dickens! 10 cents = each for the whole lot, 12 cents if you want 500, 20 cents if you want = 100, SASE if you just really need one to finish a project.

Mike/headset combo, Carter Engrg, made for aircraft run-up crews, brand = new, in the box, taxpayers paid \$435 each. Very comfortable, high = quality phones, that really knock down the outside noise. Differential = noise canceling mike and preamp are housed in a mouth cup, but are = easily removed and mounted boom style. About \$2 worth of hardware = converts the mike to boom style. Easily equal to David Clarks, = presently retailing for around \$300. \$100 each, and I have five of =

them.

20 dB SMA attenuators, new, \$25 each.

Midwest Microwave 0-10 dB step attenuator, DC to 18 GHz, N connectors, = \$250.

HW-2, Heath plain jane 2 meter HT, with keypad, charger, set of 6 AA = NiCd, \$100.

FT-207R 2 meter HT, early synthesized type, with scan function, memories, = spare battery, \$90.

10 turn Bournes precision pots, 10 ohms, 5 for \$15. Great for remote = indicators.

Portable oscilloscope, 50 MHz, delayed sweep, very nice, Meguro brand, = \$275.

Didn't really mean to get into the surplus business, but did buy some = lots from the gov't, and had to take a whole bunch of stuff I didn't = want in order to get the things I did, plus it is time to clean up the = shack. Add a couple of bucks to cover postage for small items, ten for = big ones. =20

Denton Bramwell K7OWJ
2853 E. Country Oaks Dr.
Layton, UT 84040
(801) 593 9494

From owner-qrp-l@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: "Phil, AC6LS" <ac6ls@amsat.org>
Subject: [3466] testing
Message-ID: <322A7160.7DE9@amsat.org>

Ok, this is a test. My server shutdown for upgrade/repair of damage from the big power outage. Will the QRP-L listserver drop me for bounced msg's?? I havent rx any from this reflector recently.

73

From owner-qrp-l@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: Mike Czuhajewski <wa8mcq@u1.abs.net>

Subject: [3465] Updated QRP ARCI/GQRP info

Message-ID: <Pine.BSI.3.93.960902015044.22784C-100000@u1.abs.net>

A recent posting to qrp-l contained some outdated info on the QRP Amateur Radio Club International and the GQRP Club. The posting (from n4so@juno.com, dated Sun, 01 Sep 1996) said that the info "is an edited version of the file qrp-info.txt found on the ARRL Bulletin Board system." The points of contact listed for both have changed.

These corrections are for the qrp-l posting only; I have not seen the ARRL file in its entirety, so it may have other outdated info as well.

Outdated information on the QRP ARCI:

Membership is \$12/yr and available by writing to:

Mike Kilgore, KG5F
2046 Ash Hill Rd
Carrollton, TX 75007

Current information on QRP ARCI:

Membership is \$17 to join, which includes one year of the QRP Quarterly, and \$15 per year for subscription renewals (both figures higher for DX). Write to

Mike Bryce WB8VGE
P O Box 508
Massillon, OH 44648-0508

[Note--his old address of 2225 Mayflower, Massillon OH is no longer valid as of 1 Sept 1996]

Outdated US point of contact for the G-QRP Club:

Luke Dodds, W5HKA
2852 Oak Forest
Grapevine, TX 76051 \$12/yr membership dues.

[Note--W5HKA has been a silent key for a few years.]

Current information on GQRP club--

US point of contact for membership is:

Mike Kilgore, KG5F
2046 Ash Hill Rd
Carrollton, TX 75007

Current rate is \$12 per year. (Their quarterly journal is called SPRAT.) [He is a former point of contact for the QRP ARCI.]

73 and Queue Our Pea DE WA8MCQ
wa8mcq@abs.net
Vice President, QRP ARCI

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: "Denton Bramwell" <denton@cyber-west.com>
Subject: [3484] variable caps
Message-ID: <01BB98C5.3E7A43C0@cyber-west.com>

qty	model	range, pF	description
4	26-170	13-30	2:1 antibacklash drive, short shaft
8	26-88	5-10	8:1 reduction drive, long shaft
13	26-146	6-100/sect	split stator, straight drive
4	26-122	4.5-32,8.5-190	dual section, straight drive
1	26-130	3-60	half flat shaft, 8:1 reduction drive
5	26-10	3-122/sect	2:1 antibacklash drive, short shaft

The above items are Heath surplus, new, in boxes. Don't want to sell =
onsies, so will someone take the lot? All are very nice quality, double =
bearing, VFO type caps. Split stators were used in various models of dip =
meters. \$140 plus UPS for the whole lot, split stators \$10 each, others =
\$8, plus a couple of bucks per order shipping.

Denton Bramwell
2853 E. Country Oaks Dr.
Layton, UT 84040
(801) 593 9494
denton@cyber-west.com
fax (801) 593 9495

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: kd7s@psnw.com (Bill Jones)
Subject: [3490] Wanted -- SW-40 (40-40)
Message-ID: <199609021925.MAA07489@sierra.psnw.com>

Does anyone have a surplus Small Wonders Lab SW-40, forty meter transceiver board they're willing to part with at a reasonable price?

=====

Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com

=====

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: Tim Cook <timcook@erinet.com>
Subject: [3501] WTB: STONE MT QSY'R FOR IC_735
Message-ID: <322B8CB1.D57@erinet.com>

Since many Qrp types use the Icom-735, I thought I'd try looking here for the Stone Mountain QSY'r for the IC-735. If you have one or know where I can get one please send emial direct.

Thanks

Tim

NZ8J

QRP ARCI-4099 GQRP-615 MI-QRP-115 NE QRP-50 NORCAL-237

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: jerry@otherside.com (Jerry L. Kitterman)
Subject: [3464] x
Message-ID: <199609020506.NAA18803@nirvana.otherside.com>

Trade: I have an Argo 509, 208 cw filter and the S-30 Signalizer, all in good shape. I'am looking for a 2 meter all-mode rig or maybe something that I can run mobile cw with, such as a TT Triton or something like that. The 509 seems like it would be pretty fragile for mobile work and I would like to be able to have a little more power on mobile cw.

You can contact me at 812-923-8152 after 4:00 PM EST or send e-mail to jerry@otherside.com.

Jerry..WD9CTB..ARCI 4786

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: Dave Hockaday <wb4iuy@ipass.net>
Subject: [3474] Re: 600 Ohm Phones Found!
Message-ID: <199609021455.KAA25274@passport.ipass.net>

>Hi Gang,

>

>We were discussing the "digital hiss" in the Ten Tec Cubby/Scout and I
>mentioned that TT recommends 600 ohm headphones in order to get the same
>relative volume from the phones and the speaker. Many of you wrote to me
>and asked, "where can I get 600 ohm headphones"?

Also, AES has them for about \$10 each. I recently bought 6 sets of them for
our VE team and they work pretty good.

73 de Dave Hockaday WB4IUY
wb4iuy@ipass.net

<http://www.ipass.net/~hockaday/>

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: Phil Wheeler <pcw12@ix.netcom.com>
Subject: [3476] Re: A QRP Field Day from the Top of a Volcano
Message-ID: <322AF9C6.1866@ix.netcom.com>

Russ, I have sent a message to Richard re joining ... after I found all
the neat stuff there.

I'll be going into the Sierras in about 10 days and taking my NC-40A plus
a lightweight inverted V (monoband) that I built yesterday. It's up in
the backyard for the Sprint tonight: Station is NC-40A, 10 alkaline AA's,
and my Ne Ke (a small prototype from Boyd Mason that weighs in at 3 oz.
If this antenna works well, I will put up a bigger one, maybe multiband,
for permanent fixed use (with my Sierra); but mostly I QRP in the late
afternoons and evenings -- which makes 40 a pretty good choice.

I'm curious where you got the ICOM case; I don't see it in the catalog I
have. Is it lighter than 3 4-packs from RS (with two slots empty)?

Also, did you have to make any Sierra mods to let it work with 12 batteries (about 19 volts BOL by my reckoning)?

Hmmmm....not sure I'd want to shlep that heavy mast into the mountains. Most of my trips are too far from trailhead to allow two trips for getting eqpmt in. Not sure what I will do above the treeline, tho; maybe a lighter mast of some kind. I do have a 15 foot mast made like a tent pole whhich weighs less than 10 oz (Dec 19 QST); perhaps two of those in series with some guying would do the trick. I'll have to get another one and give it a try.

Thanks for the nice message!

Phil W7UOX

From owner-qrp-l@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: Phil Wheeler <pcw12@ix.netcom.com>
Subject: [3486] Re: Dan's Small parts
Message-ID: <322B2276.184@ix.netcom.com>

That's not quite it. See previous message to list by michael silva. He gives the URL as:

<http://www.fix.net/~jparkar/dans.html>

I've tried it and it works!

Phil W7UOX

From owner-qrp-l@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: Phil Wheeler <pcw12@ix.netcom.com>
Subject: [3487] Re: Dan's Small parts
Message-ID: <322B2382.6527@ix.netcom.com>

Well, I stand corrected. the URL you gave me does work. and so does the other one! Odd thing, that.

Phil W7UOX

From owner-qrp-l@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: Phil Wheeler <pcw12@ix.netcom.com>
Subject: [3492] Re: Dan's Small parts

Message-ID: <322B3BBF.44E7@ix.netcom.com>

Thanks for the reply, Jerry. I've had an overwhelming response to my message. Dan's Small Parts seems to have no "small" following! Anyway, I now have a full printout of the on-line catalog.

Phil W7U0X

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: k5zty@hamgate2.w5-f6cnb.ampr.org
Subject: [3493] re:data book peculiarities
Message-ID: <14130@sugarland.ampr.org>

let's pass the hat and see if someone will donate Brad a life..
Bill, K5ZTY

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: wb8ygg@juno.com (Bradley S. Mitchell)
Subject: [3500] Re: data book peculiarities
Message-ID: <19960901.191011.9967.1.WB8YGG@juno.com>

Yeah Yeah Yeah.. I know, but now you all know what it's like when you finally relax, and you don't have a qrp project to keep you busy :-)..
73 Brad (I find my life tomorrow morning at 7:00)..
WB8YGG

On Mon, 02 Sep 96 15:02:59 k5zty@hamgate2.w5-f6cnb.ampr.org writes:
>let's pass the hat and see if someone will donate Brad a life..
>Bill, K5ZTY
>
>

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [3467] Re: Iambic Paddles
Message-ID: <960902064121_70731.722_EHM2-1@CompuServe.COM>

> Whitrook:nice protable keyer for backpacking. I haven't done this yet, but
> the center aluminum contact needs replacing with something that will
> provide a consistent contact. For the price, it's nice.

Where can the Whitrook be found for sale?

Dan

70731.722@compuserve.com

From owner-qrp-l@Lehigh.EDU Mon Sep 2 23:16:21 1996

From: "Vernon A. Hatley" <vhatley@worldnet.att.net> (by way of "Vernon A. Hatley" <vhatley@worldnet.att.net>)

Subject: [3463] RE: Keyers

Message-ID: <1.5.4.16.19960901231921.1b4f9916@postoffice.worldnet.att.net>

Ron,

I just finished building a CMOS III keyer and absolutely LOVE it! Before building the CMOS III I had been using a MFJ 401C and was never happy with the way it "felt". I have tried several other keyers over the last year and for myself, I like the CMOS III the best. It has many, many features; you can set it to emulate several different keyer brands on the market including Curtis A mode, Accukeyer, etc. And within those modes there are several other settings for dot and dash memory. If it sounds too complicated, its not. It has one knob on the front and six little push button switches on the top that controls the messages. It doesn't even need an "off and on" switch; the chip goes to sleep after so many seconds of inactivity. If your really get it messed up, no problem; just push a few of the buttons and it will reset to factory default mode. Default mode is fine for most day to day CW; for me. All in all a very full featured keyer that is both easy to build and easy to operate. Price \$58 from Idiom Press. I think many others will agree.

--

KK5RO (Extra)

QRP-L #325

Ten Tec Omni V

Butternut Vertical

CMOS III Keyer

99.5% CW

Vernon A. Hatley

Shawnee, OK

OHR Explorer II 40m

Kent Paddles

Speed-X Straight Key

From owner-qrp-l@Lehigh.EDU Mon Sep 2 23:16:21 1996

From: WJ4PRandy@aol.com

Subject: [3471] re:keyers

Message-ID: <960902080233_192545699@emout07.mail.aol.com>

If you don't need lots of bells and whistles
the Codeboy keyers from Radio Adventures Corp
(RAC) are a good buy. Powered virtually "for ever"
on a 3 volt lithium battery they are easy to build in
or share.

They are on the web.

73, Randy WJ4P

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: "Bill C." <wrc@tir.com>
Subject: [3478] Re: NVIS antenna tests?
Message-ID: <322B2489.5893@tir.com>

Hi Everybody,

A quick comment about safety....

Wire antennas strung lower than 10 feet can catch pre-occupied people in
the neck-chest-feet... especially after dark. Been there- done that (at
least saw it done). If your antenna gets below 10 feet please take steps
to make sure nobody gets hurt!!

A high priority for people responding to an emergency is the prevention
of additional emergencies created by the responders!!

Very interesting thread.

73,

Bill KU8H

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3468] Re: QRP CLUB INFO
Message-ID: <199609020658.GAA21360@chuck.dallas.sgi.com>

Wow, talk about out of date.

: -)

Chuck Adams (K5FO CP-60) adams@sgi.com

K5FO TMPS 1995 Qs=222 States=46 ConfirmedQs=127 DX=04 (0.95W)
K5FO TMPS 1996 Qs=093 States=36 ConfirmedQs=58 DX=04 (0.95W)
40M==49wkd/49cfmd - 30M==49wkd/48cfmd - 20M==50wkd/50cfmd (0.95W)

From owner-qrp-l@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [3470] Re: QRP CLUB INFO
Message-ID: <Pine.SOL.3.94.960902060949.21304A-100000@utkux4.utcc.utk.edu>

The latest address changes posted on QRP-L for club membership officers have been incorporated in the latest version of BOOKS/PERIODICALS.LIST available via the GET Command. This includes Mike's and a couple of others.

-73-

LB, W4RNL

From owner-qrp-l@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: Alex Mendelsohn <alexm@pennwell.com>
Subject: [3480] RE: QRP-L digest 461
Message-ID: <764E102E01E40200@smtp.pennwell.com>

Paul, AA1MI, and I just returned from a week-long sailing trip on our 25-ft. sloop--thte Sea-Q (of course) and had a ball with Paul's new Index Labs rig. We hauled a wire into the rigging, using a spare halyard (with a keeper to prevent losing the line if the wire broke). We tied off the wire to the bow pulpit where we placed an insulator, then ran another insulator over the wire, such that it would slide along. After hauling the whole affair aloft (Paul has a special technique for this that's more fun to watch than to do), we end fed the affair in the cabin at the stern, running against the ship's wiring. The Sea-Q has an 1800-lb cast iron keel in touch with the water, so it makes a good counterpoise on all bands.

It's nothing short of amazing what will get out. We had quite a few great ragchews on 40 and 30 meters, many of them s-o--l-i-d copy.

The phenomena of radio is never so compelling than when you run a rig like this!

Vy 73, Alex, AI2Q in Kennebunk, Maine .-.-.

From owner-qrp-1@Lehigh.EDU Mon Sep 2 23:16:21 1996
From: "Bill C." <wrc@tir.com>
Subject: [3479] Re: Trail Friendly Radios - the concept (long)
Message-ID: <322B266D.4D8@tir.com>

Hi Bill.. & All,

Don't forget the waterway trails! My TFR must survive the marine environment on my sailboat and I must consider the power budget! My batteries are much larger, but the budget has to be shared by all those marine gadgets and running lights!

Bill KU8H